

ACRONYMS AND ABBREVIATIONS

ADT	average daily traffic
amsl	above mean sea level
BMP	best management practices
Btu	British thermal unit
°C	degrees Celsius
CCPI	Clean Coal Power Initiative
CEQ	Council on Environmental Quality
CFR	<i>Code of Federal Regulations</i>
cm	centimeter
CO	carbon monoxide
CO ₂	carbon dioxide
dB	decibel
dB(A)	decibels as measured on the A-weighted scale
DOE	U.S. Department of Energy
EIS	environmental impact statement
EMF	electromagnetic fields
EPA	U.S. Environmental Protection Agency
°F	degrees Fahrenheit
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FR	<i>Federal Register</i>
F-T	Fischer-Tropsch
ft	feet
ft ³	cubic feet
g	acceleration of gravity
gal	gallon
gpm	gallons per minute
H ₂	hydrogen gas
H ₂ O	water
H ₂ S	hydrogen sulfide
HRSG	heat recovery steam generator
in.	inch
IPCC	Intergovernmental Panel on Climate Change
ISCST	Industrial Source Complex Short-Term (an air dispersion model)
kg	kilogram
L	liter
lb	pound
m ³	cubic meter
µg	microgram
µm	micrometer
µS	microsiemens
MCLG	Maximum Contaminant Level Goal
mg	milligram
mgd	million gallons per day
MPCA	Minnesota Pollution Control Agency
mV	millivolt
MW	megawatt

NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NEPaA	Northeastern Pennsylvania Alliance
NIEHS	National Institute of Environmental Health Sciences
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRC	National Research Council
NSC	National Safety Council
O ₃	ozone
ORNL	Oak Ridge National Laboratory
OSHA	Occupational Safety and Health Administration
Pb	lead
PDC	Pennsylvania Department of Corrections
PDCNR	Pennsylvania Department of Conservation and Natural Resources
PDEP	Pennsylvania Department of Environmental Protection
PDLI	Pennsylvania Department of Labor and Industry
PDOT	Pennsylvania Department of Transportation
PFBC	Pennsylvania Fish and Boat Commission
PGC	Pennsylvania Game Commission
pH	hydrogen-ion concentration notation
PM	particulate matter
PM-2.5	particulate matter less than 2.5 µm in aerodynamic diameter
PM-10	particulate matter less than 10 µm in aerodynamic diameter
PNDI	Pennsylvania Natural Diversity Inventory
ppm	parts per million
PSD	Prevention of Significant Deterioration
R&D	research and development
RCRA	Resource Conservation and Recovery Act
s	second
SAIC	Science Applications International Corporation
SCREEN3	a screening air dispersion model
SEDCO	Schuylkill Economic Development Corporation
SHPO	State Historic Preservation Officer
SO ₂	sulfur dioxide
SPCCP	spill prevention, control, and countermeasures plan
SPLP	Synthetic Precipitation Leaching Procedure
SRBC	Susquehanna River Basin Commission
U.S.	United States
USC	<i>United States Code</i>
USGS	U.S. Geological Survey
VOC	volatile organic compound
yd ³	cubic yard